

Region 3 GPRA Baseline RCRA Corrective Action Facility

Solite Corporation - Arvonias

**Box 68, State Route 652
Arvonias, VA 23004
Congressional District 5
EPA ID #: VAD042755082
Last Updated 12/31/03**

Current RCRA CA Activities

The current RCRA CA activities at this facility are focusing on the Corrective Action Program of the recently approved Hazardous Waste Management Permit (Permit for Combustion of Hazardous Waste, Corrective Action, and Waste Minimization) for the facility's kilns. The aforementioned permit was issued by the VADEQ on September 24, 2003. The Permit includes *Site-Wide Correction Action* (Part IV) which requires the facility to conduct a RCRA Facility Investigation (RFI). The RFI will collect and evaluate site specific data to assess the nature and extent of suspected releases of hazardous wastes into the environmental media; air, soil, sediment, surface water, and groundwater. The data generated by the RFI will be utilized to fill in the data gaps to achieve EI Determinations.

Site Description

The A. F. Old Plant, operated by Solite Corporation is located on a 917 acre site near Arvonias in Buckingham County, Virginia. The A. F. Old Plant (commonly referred to as the Arvonias facility/plant) manufactures lightweight aggregate used in the manufacture of lightweight masonry units, lightweight precast units, and structural concrete. The Arvonias facility operates three rotary lightweight aggregate kilns that utilize liquid hazardous wastes as fuel. The hazardous waste fuel is stored and mixed/blended on-site by Giant Resource Recovery, Inc (formerly Oldover, Inc.), and piped to the kilns for burning. The Giant Resource Recovery, Inc (GRR!) property is a 0.76 acre tract of land wholly contained within the confines of the Arvonias facility.

The GRR! Arvonias facility holds a Hazardous Waste Management Permit for the storage and treatment of hazardous wastes. The permit became effective in October 1995 and expires in October 2005. The Arvonias facility also possesses a VPDES permit (VPDES Permit No. VAG844036) dated July 30, 1999 for surface water discharge. A Hazardous Waste Management Permit (Permit for Combustion of Hazardous Waste, Corrective Action, and Waste Minimization) was approved and issued by the VADEQ on September 24, 2003.

RCRA CA Milestones

The following RCRA CA milestones have been accomplished at this facility: NCAPS Report and CA Prioritization – 04/17/97, RFI Imposition – 09/10/99, EI Determination – 05/30/02, and Hazardous Waste Management Permit – 09/24/03. Additional details concerning these milestones and the supporting documentation can be obtained by reviewing the files at the Virginia Department of Environmental Quality's Central Office or by contacting the project managers identified in this Fact Sheet.

Environmental Indicator Status

Under the Government Performance and Results Act (GPRA), EPA has set national goals to address high priority RCRA Corrective Action facilities by the year 2005. EPA is evaluating two key indicators for each facility: Current Human Exposures Under Control and Migration of Contaminated Groundwater Under Control. This facility is one of EPA Region III's high priority facilities and falls under this initiative.

- *Human Exposures Controlled Determination:* IN: Additional information is needed to determine if Human Exposures are Controlled.
- *Release to Groundwater Controlled Determination:* IN: Additional information is needed to determine if Groundwater Releases are Controlled.

The additional information needed to make EI Determinations will be obtained via the RFI that will be performed as stipulated in the Hazardous Waste Management Permit.

Contaminants

Comprehensive environmental data does not currently exist; hence, definitive contaminants have not been identified. Future environmental sampling will address organics and inorganics, including metals.

Community Involvement

A copy of all documents relating to the RCRA CA program at the Arvon site are available for viewing at the Virginia Department of Environmental Quality's Central Office located at 629 East Main Street, Richmond, Virginia.

Government Contacts

The Commonwealth of Virginia has the lead authority for this project. Please contact the VADEQ project manager listed below for details on this project or the contents of this fact sheet.

VADEQ Project Manager

Mr. Dennis G. Lund
Virginia Department of Environmental Quality

P.O. Box 10009
Richmond, VA 23240
Phone: (804) 698-4232
Email: dglund@deq.state.va.us

EPA Project Manager

Mr. Mike Jacobi
U.S. Environmental Protection Agency - Region III
1650 Arch Street
Philadelphia, PA 19103-2029
Phone: (215) 814-3435
Email: jacobi.mike@epa.gov

For more information about EPA's corrective action program, including Environmental Indicators, please visit EPA's site at: www.epa.gov/reg3wcmd/correctiveaction.htm

Facility Contact

The facility contact is:

Mr. Stephen P. Holt
Director of Environmental Affairs
Solite Corporation
320 D Midland Parkway
Summerville, South Carolina 29485
(843) 851-5668
sholt@giantcement.com

Fact Sheet Updates

The previous fact sheet was updated on July 01, 2003. The next update is scheduled for July 01, 2004. Previous fact sheets may be obtained through the listed government contacts.